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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/01577

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F9/38 G06F9/50 G06F12/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, IBM-TDB, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A A	<p>EP 0 856 797 A (SGS THOMSON MICROELECTRONICS) 5 August 1998 (1998-08-05)</p> <p>page 2, line 20 -page 7, line 43 ---</p> <p>GB 2 311 880 A (ADVANCED RISC MACH LTD) 8 October 1997 (1997-10-08)</p> <p>page 2, line 26 -page 4, line 31 page 9, line 9 - line 18; figure 9 --- -/--</p>	<p>1-5, 12-15, 21-23, 29,30 6-10, 16-20, 24-28</p> <p>1-5, 12-15, 21-23, 29,30</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

2 October 2001

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09/10/2001

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INTERNATIONAL SEARCH REPORT

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PCT/US 01/01577

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 809 522 A (NOVAK STEVE ET AL) 15 September 1998 (1998-09-15) column 8, line 12 -column 9, line 42; figure 5 ---	1-5, 12-15, 21-23, 29,30
A	EP 0 768 608 A (SUN MICROSYSTEMS INC) 16 April 1997 (1997-04-16) column 6, line 29 - line 41 column 10, line 37 -column 11, line 6 ---	6-10, 16-20, 24-28
A	DONGWOOK K ET AL: "A PARTITIONED ON-CHIP VIRTUAL CACHE FOR FAST PROCESSORS" JOURNAL OF SYSTEMS ARCHITECTURE, ELSEVIER SCIENCE PUBLISHERS BV., AMSTERDAM, NL, vol. 43, no. 8, 1 May 1997 (1997-05-01), pages 519-531, XP000685730 ISSN: 1383-7621 page 522, left-hand column, line 26 -page 526, right-hand column, line 2; figures 3,4 -----	1-5, 12-15, 21-23, 29,30

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC1/US 01/01577

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